

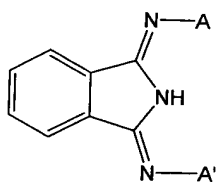
We claim:

1. A process which comprises polymerizing an olefin and an acrylic monomer in the presence of an activator and a Group 8-10 late transition metal complex having an isoindoline ligand.
2. The process of claim 1 wherein the complex has the general structure:



Wherein M is a Group 8-10 late transition metal, L is an isoindoline ligand, X is a labile ligand, n, the number of the X ligands, is greater than or equal to 1.

3. The process of claim 2 wherein the isoindoline ligand L has the general structure:



wherein A and A' are the same or different and selected from aryl or heteroaryl groups.

4. The process of claim 3 wherein A and A' are the same and are selected from aryl groups.
5. The process of claim 3 wherein A and A' are the same and are selected from heteroaryl groups.
6. The process of claim 2 wherein M is selected from the group consisting of Ni, Co, and Fe.
7. The process of claim 2 wherein M is Fe.
8. The process of claim 2 wherein X is independently selected from the group consisting of hydrogen and halides.
9. The process of claim 2 wherein X is independently selected from halides.

- 10.** The process of claim 1 wherein the complex comprises Fe and 1,3-bis(2-mesitylimino)isoindoline ligand.
- 11.** The process of claim 1 wherein the complex comprises Fe and 1,3-bis(2-pyridylimino)isoindoline ligand.
- 12.** The process of claim 1 wherein the activator is selected from the group consisting of alkyl alumoxanes, alkylaluminum compounds, aluminoboronates, organoboranes, ionic borates, and ionic aluminates.
- 13.** The process of claim 1 wherein the activator is an alumoxane.
- 14.** The process of claim 1 wherein the olefin is selected from the group consisting of C₂₋₁₀ α -olefins, cyclic olefins, dienes, and mixtures thereof.
- 15.** The process of claim 1 wherein the olefin is selected from the group consisting of ethylene, propylene, 1-butene, 1-pentene, 1-hexene, 1-octene, and mixtures thereof.
- 16.** The process of claim 1 wherein the olefin is ethylene.
- 17.** The process of claim 1 wherein the acrylic monomer is selected from the group consisting of C₁-C₂₀ alkyl acrylates, C₁-C₂₀ alkyl methacrylates, C₆-C₂₀ aryl acrylates, C₆-C₂₀ aryl methacrylates, and mixtures thereof.
- 18.** The process of claim 1 wherein the acrylic monomer is selected from the group consisting of n-butyl acrylate, n-butyl methacrylate, methyl methacrylate, t-butyl methacrylate, iso-butyl methacrylate, benzyl methacrylate, cyclohexyl methacrylate, and mixtures thereof.
- 19.** The process of claim 1 wherein the olefin is ethylene and the acrylic monomer is n-butyl acrylate.